



SPYWOLF

Security Audit Report



Audit prepared for
HELP

Completed on
February 04, 2024





KEY RESULTS

Cannot mint new tokens	Passed
Cannot pause trading (honeypot)	Not Passed
Cannot blacklist an address	Passed
Cannot raise taxes over 25%?	Passed
No proxy contract detected	Passed
Not required to enable trading	Not Passed
No hidden ownership	Passed
Cannot change the router	Passed
No cooldown feature found	Passed
Bot protection delay is lower than 5 blocks	Passed
Cannot set max tx amount below 0.05% of total supply	Passed
The contract cannot be self-destructed by owner	Passed

For a more detailed and thorough examination of the heightened risks, refer to the subsequent parts of the report.

N/A = Not applicable for this type of contract

*Only new deposits/reinvestments can be paused





OVERVIEW

This goal of this report is to review the main aspects of the project to help investors make an informative decision during their research process.

You will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Owners' wallets
- ✓ Tokenomics
- ✓ Team transparency and goals
- ✓ Website's age, code, security and UX
- ✓ Whitepaper and roadmap
- ✓ Social media & online presence

“

The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal

- SPYWOLF Team -

”





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Help Community



PROJECT DESCRIPTION

According to their website:

"Our project idea is a platform that allows owners of digital currencies to organize and manage virtual events and conferences online, as well as build communities.

It enables individuals to showcase their skills and services and exchange them with others for monetary compensation."

Release Date: Presale starts in February, 2024

Category: Utility token



CONTRACT INFO

Token Name
helpCommunity

Symbol
help

Contract Address
0xf76568f108189D3c3B2844F3a03AC37C9aC11584

Network
Binance Smart Chain

Language
Solidity

Deployment Date
Feb 03, 2024

Contract Type
Token with taxes

Total Supply
1,000,000

Status
Not launched

TAXES

Buy Tax
5%

Sell Tax
9%

*Taxes can be changed in future



Our Contract Review Process

The contract review process pays special attention to the following:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

Blockchain security tools used:

- OpenZeppelin
- Mythril
- Solidity Compiler
- Hardhat



TOKEN TRANSFERS STATS

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1000000 help
Median Transfer Amount	1000000 help
Average Transfer Amount	1000000 help
First transfer date	2024-02-03
Last transfer date	2024-02-03
Days token transferred	1

SMART CONTRACT STATS

Calls Count	3
External calls	3
Internal calls	0
Transactions count	3
Uniq Callers	1
Days contract called	1
Last transaction time	2024-02-03 20:49:38 UTC
Created	2024-02-03 20:46:47 UTC
Create TX	0x126c1abf8805ec8b53e500a599976cd2840688e67a30f73e02fc40875d094ab0
Creator	0x9b57679019bccd81e060dd967669c716d486dbe9



FEATURED WALLETS

Owner address	0xd96CcA9559f6FCeDCE7c83lfeCD20F4E23f207DC
Marketing fee receiver	0xF384d9A09ab3B45420d40DEE99429b3E56E5988A
LP address	0xFa9a636640D5b58a04F05B4FC57A4fcBca20FEbf

TOP 3 UNLOCKED WALLETS

100%	0xd96CcA9559f6FCeDCE7c83lfeCD20F4E23f207DC (Owner)



VULNERABILITY ANALYSIS

ID	Title	
SWC-100	Function Default Visibility	Passed
SWC-101	Integer Overflow and Underflow	Passed
SWC-102	Outdated Compiler Version	Passed
SWC-103	Floating Pragma	Passed
SWC-104	Unchecked Call Return Value	Passed
SWC-105	Unprotected Ether Withdrawal	Passed
SWC-106	Unprotected SELFDESTRUCT Instruction	Passed
SWC-107	Reentrancy	Passed
SWC-108	State Variable Default Visibility	Passed
SWC-109	Uninitialized Storage Pointer	Passed
SWC-110	Assert Violation	Passed
SWC-111	Use of Deprecated Solidity Functions	Passed
SWC-112	Delegatecall to Untrusted Callee	Passed
SWC-113	DoS with Failed Call	Passed
SWC-114	Transaction Order Dependence	Passed
SWC-115	Authorization through tx.origin	Passed
SWC-116	Block values as a proxy for time	Passed
SWC-117	Signature Malleability	Passed
SWC-118	Incorrect Constructor Name	Passed



VULNERABILITY ANALYSIS

ID	Title	
SWC-119	Shadowing State Variables	Passed
SWC-120	Weak Sources of Randomness from Chain Attributes	Passed
SWC-121	Missing Protection against Signature Replay Attacks	Passed
SWC-122	Lack of Proper Signature Verification	Passed
SWC-123	Requirement Violation	Passed
SWC-124	Write to Arbitrary Storage Location	Passed
SWC-125	Incorrect Inheritance Order	Passed
SWC-126	Insufficient Gas Griefing	Passed
SWC-127	Arbitrary Jump with Function Type Variable	Passed
SWC-128	DoS With Block Gas Limit	Passed
SWC-129	Typographical Error	Passed
SWC-130	Right-To-Left-Override control character (U+202E)	Passed
SWC-131	Presence of unused variables	Passed
SWC-132	Unexpected Ether balance	Passed
SWC-133	Hash Collisions With Multiple Variable Length Arguments	Passed
SWC-134	Message call with hardcoded gas amount	Passed
SWC-135	Code With No Effects	Passed
SWC-136	Unencrypted Private Data On-Chain	Passed



VULNERABILITY ANALYSIS

NO ERRORS FOUND



MANUAL CODE REVIEW

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time.

We categorize these vulnerabilities by 4 different threat levels.

THREAT LEVELS

High Risk

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

Medium Risk

Issues on this level are critical to the smart contract's performance, functionality and should be fixed before moving to a live environment.

Low Risk

Issues on this level are minor details and warning that can remain unfixed.

Informational

Information level is to offer suggestions for improvement of efficacy or security for features with a risk free factor.



FOUND THREATS

⚠ High Risk

tradeEnable is currently false, allowing vetted addresses to potentially sell their presale tokens before opening trade for the investors.

Note: This only applies if launching on a launchpad platform like Pinksale.

```
function enabledTrading() external onlyOwner() {  
    require(!tradeEnable, "trading is already open");  
    _SwapBackEnable = true;  
    tradeEnable = true;  
    emit TradingOpenUpdated();  
}
```

- Recommendation:
 - Once presale is finished and trading is not enabled, investors cannot sell their token holdings on token launch. Trading should be enabled before presale finish and token launch on DEX.



FOUND THREATS

⚠ High Risk

Owner can change contract's auto swap settings.

If `_minSwapTokens` and/or `_maxSwapTokens` are set to 0, contract will halt on selling if contract's balances are equal to 0.

```
function setSwapBackSetting(bool state) external onlyOwner {
    _SwapBackEnable = state;
    emit SwapBackSettingUpdated(state);
}

function setSwapToken(uint256 minToken, uint256 maxToken) external onlyOwner {
    require(maxToken <= 10000, "amount must be less than or equal to 1% of the supply");
    require(minToken <= 1000, "amount must be less than or equal to 0.1% of the supply");
    _minSwapTokens = minToken * 10**_decimals;
    _maxSwapTokens = maxToken * 10**_decimals;
    emit SwapThresholdUpdated(minToken, maxToken);
}
```

- Recommendation:
 - Ensure that `_minSwapTokens` and `_maxSwapTokens` are always above 1 token (consider token decimals)



FOUND THREATS

Informational

Owner can set buy/sell fees up to 10%.

Combined buy+sell = 20%

When fees are above 0, there will be certain amount of tokens that will be deducted from every transaction that users make.

Deducted amount will be as much as the fees % from total amount that user had bought, sold and/or transferred.

```
function changeTaxes(uint256 newBuyFee, uint256 newSellFee) external onlyOwner {  
    require(newBuyFee <= 10 && newSellFee <= 10, "ERC20: wrong tax value!");  
    buyTaxes = newBuyFee;  
    sellTaxes = newSellFee;  
}
```

Owner can exclude address from fees.

```
function WhitelisWallet(address account) external onlyOwner {  
    require(!_isExcludedFromFee[account] != true, "Account is already excluded");  
    _isExcludedFromFee[account] = true;  
    emit ExcludeFromFeeUpdated(account);  
}  
  
function removeWhitelisWallet(address account) external onlyOwner {  
    require(!_isExcludedFromFee[account] != false, "Account is already included");  
    _isExcludedFromFee[account] = false;  
    emit includeFromFeeUpdated(account);  
}
```



FOUND THREATS

Informational

Owner can withdraw any tokens from the contract.

When this function is present, in cases tokens are sent into the contract by mistake or purposefully, contract's owner can retrieve them.

```
function recoverBEP20FromContract(address _tokenAddy, uint256 _amount) external onlyOwner {
    require(_tokenAddy != address(this), "Owner can't claim contract's balance of its own tokens");
    require(_amount > 0, "Amount should be greater than zero");
    require(_amount <= IERC20(_tokenAddy).balanceOf(address(this)), "Insufficient Amount");
    IERC20(_tokenAddy).transfer(MarketingWallet, _amount);
    emit ERC20TokensRecovered(_amount);
}

function recoverBNBfromContract() external {
    uint256 contractETHBalance = address(this).balance;
    require(contractETHBalance > 0, "Amount should be greater than zero");
    require(contractETHBalance <= address(this).balance, "Insufficient Amount");
    payable(address(MarketingWallet)).transfer(contractETHBalance);
    emit ETHBalanceRecovered();
}
```




There is no information about the initial tokens distribution based on the project's whitepaper and/or website.

TOKENOMICS



WEBSITE

Website URL
https://helpcommunity.com

Domain Registry
https://www.namecheap.com

Domain Expiration
2025-02-01

Technical SEO Test
Passed

Security Test
Passed. SSL certificate present

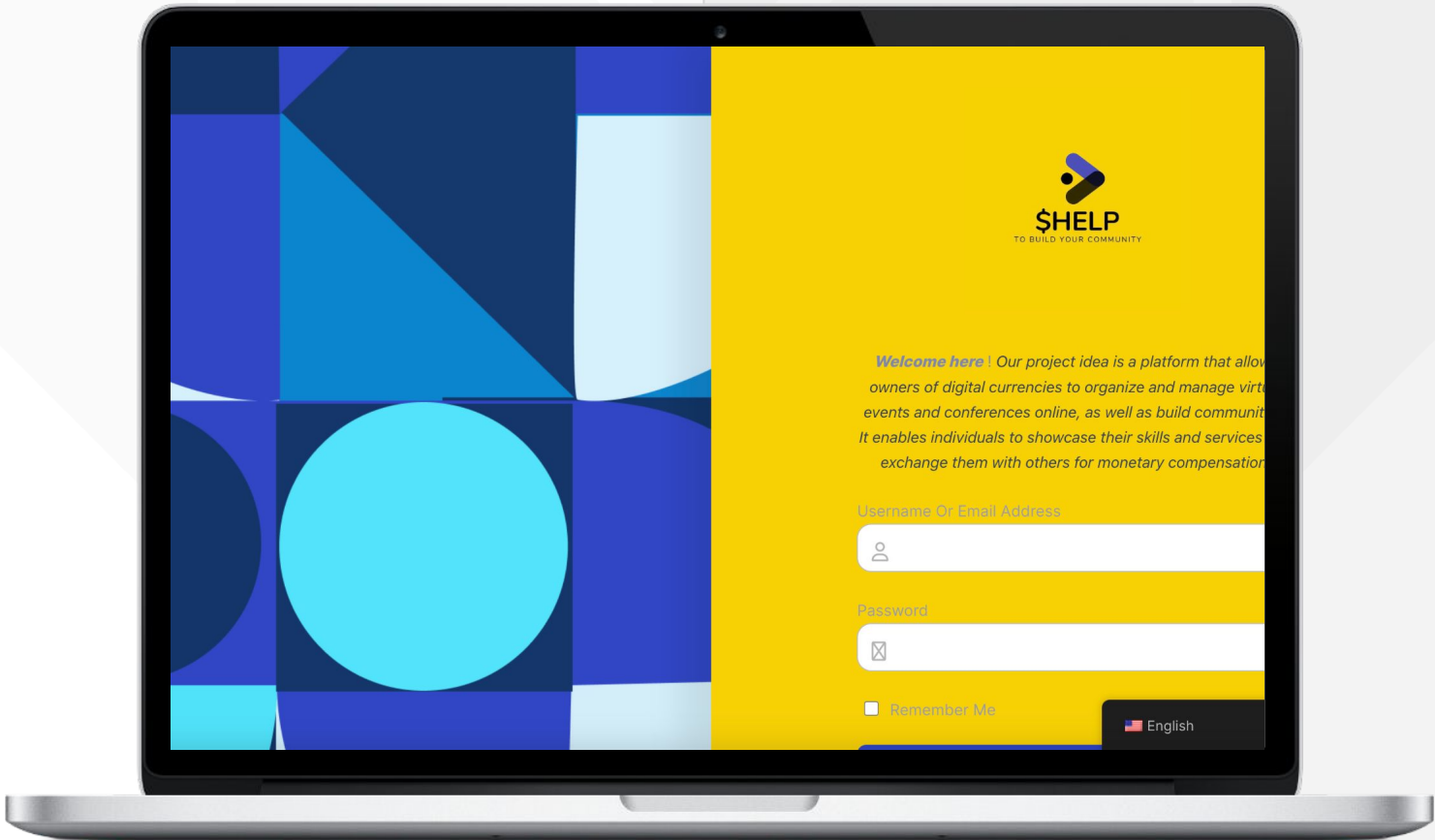
Design
Nice design with appropriate color scheme.

Content
The information helps new investors understand what the product does right away. No grammar mistakes found.

Whitepaper
No

Roadmap
No

Mobile-friendly?
Yes



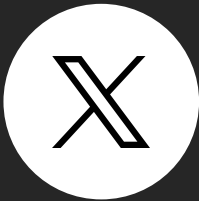
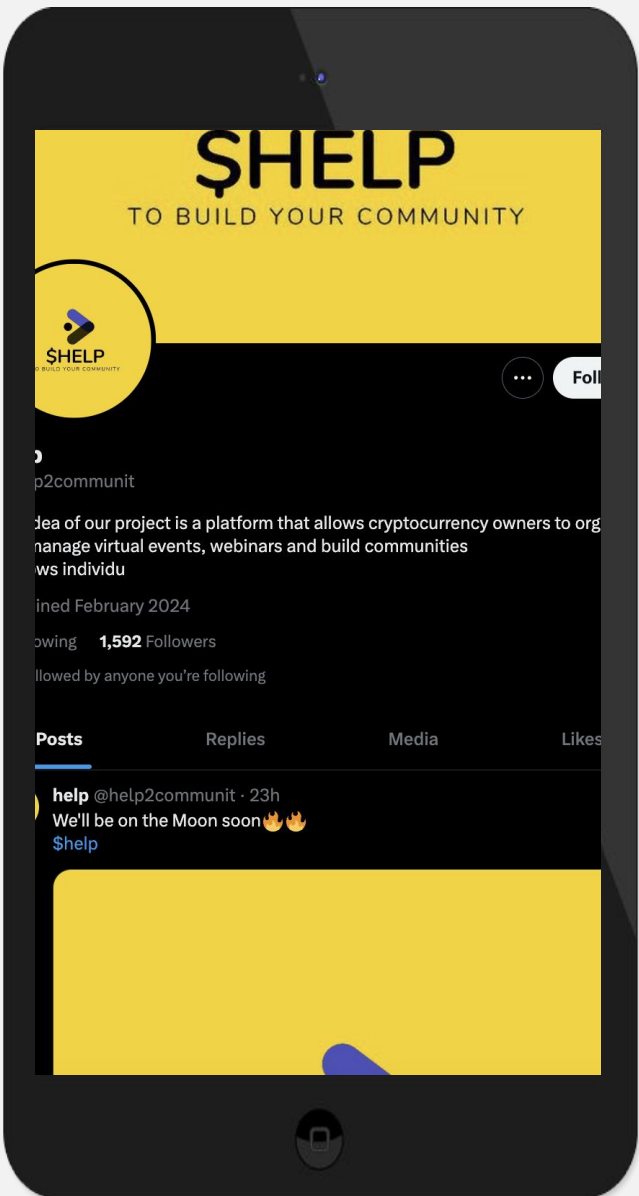
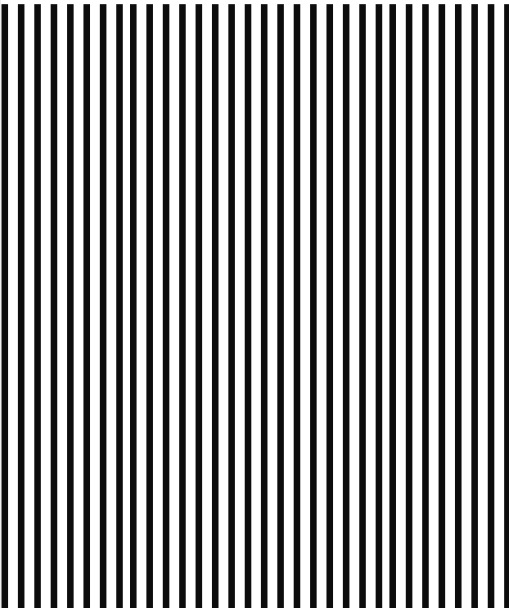
helpcommunity.com



SOCIAL MEDIA & ONLINE PRESENCE



ANALYSIS
Project's social media
pages are active



Twitter's X
@help2communit

- 1 376 followers
- 1 total post
- New account



Discord

- Not available



Telegram
@help1346

- 1 312 members
- Active members
- Active mods



Medium

- Not available



SPYWOLF

CRYPTO SECURITY

Audits | KYCs | dApps
Contract Development

ABOUT US

We are a growing crypto security agency offering audits, KYCs and consulting services for some of the top names in the crypto industry.

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Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.

